

BOX AF

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT  
APPLICATION

In re PATENT APPLICATION of

Inventor(s): ESCH et al.

Appln. No.: 08/ 319,490

Series C def Serial No. t

Filed: October 7, 1994

Title: PRECIPITATED SILICAS

Group Art Unit: 1103

Examiner: S. Hendrickson

Atty. Dkt.

216335

93200FH

M#

Client Ref

(Our Deposit Account No. 03-3975)

Our Order No. 1982

216335

C#

M#

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

AMENDMENT

This is an Amendment in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is to be treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. "Small Entity" statement(s) filed	<input type="checkbox"/>
previously	<input type="checkbox"/>
herewith (No.)	<input type="checkbox"/>

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code
2. Total Effective Claims	2	**minus 20 = 0	x \$22/\$11 =			103/203
3. Independent Claims	1	***minus 4 = 0	x \$78/\$39 =			102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) . . . . .		add	+\$250/\$125=			104/204
5. Original due date: January 6, 1996		NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2mos) (3mos)	\$110/\$55= \$380/\$190= \$900/\$450=				115/215 116/216 117/217
7. Enter any previous extension fee paid since above original due date (item 5) and subtract . . . . .						
8. Extension Fee Attached			0.00			
9. If Terminal Disclaimer attached, add Rule 20(d) official fee . . . . .		+ \$110/\$55=				148/248
10. If IDS attached requires Official Fee, . . . . . or if Rule 97(d) Petition, . . . . .	add add	+ \$220 = + \$130 =				126 122
11. After-Final Request Fee per Rules 129(a) and 17(r) . . . . .		+ \$750/375=				146/246
12. No. of additional inventions for examination per Rule 129(b): . . . . .		x\$750/375ea=				149/249
13. Petition fee for						
14. TOTAL FEE ENCLOSED		= 0.00				

15. \*If the entry in this space is less than entry in the next space, the "Present Extra" result is '0'.

16. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

17. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

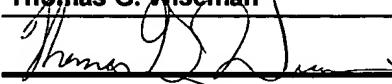
Query: Is appeal deadline now? If so,  
file Notice of Appeal separately.

CUSHMAN DARBY &amp; CUSHMAN, LLP.

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By: Atty: Thomas G. Wiseman

Reg. No. 35,046

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NOTE: File this cover sheet in duplicate with PTO receipt (CDC-103A) and attachments

Corres. and Mail  
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#13/C  
MB

RESPONSE UNDER 37 CFR 1.116  
-EXPEDITED PROCEDURE-

1/3/96

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

ESCH et al.

Group Art Unit: 1103

Appln. No.: 08/319,490

Examiner: S. Hendrickson

Filed: October 7, 1994

FOR: PRECIPITATED SILICAS



December 14, 1995

AMENDMENT

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

In response to the Official Action dated August 10, kindly enter the following amendments and remarks.

IN THE CLAIMS:

Kindly amend the claims as follows:

1. (Twice Amended) Precipitated silica having the following physico-chemical properties:

BET surface area                                   35 to 350 m<sup>2</sup>/g

BET/CTAB surface area ratio                       0.8 to 1.1

Pore volume, PV                                   1.6 to 3.4 ml/g

Silanol group density, [(ml  
= NaOH consumption) ml of NaOH

consumed in raising pH to 9]                   6 to 20 ml

Average aggregate size                           250 to 1500 nm

CTAB surface area                                   30 to 350 m<sup>2</sup>/g

AGM/JL  
EMR  
SLW